The Canadian Journal of Surgery Le journal canadien de chirurgie

VOLUME 22

JANUARY-NOVEMBER 1979

INDEX

L.D. MacLEAN, MD, FRCS[C] Editor

C.B. MUELLER, MD, FRCS[C] Editor

J.L. SHUGAR, MD, FRCS[C]
Associate editor

G. PANCIROV Assistant editor

R.G. WILSON, MD Secretary general

D.A. GEEKIE, BPHE, CPH Director of communications

C.K. GOODMAN (Sept.) Business manager R.M. SINNOTT Production manager

R. MASSON Sales representative

K. BEAUDOIN

NEIL HUTTON
Director of advertising sales



Sponsored by the Royal College of Physicians and Surgeons of Canada Published by the Canadian Medical Association PO Box 8650, Ottawa, Ontario K1G 0G8



INDEX TO VOLUME 22

Subject entries for Correspondence, Medical Notes and Quill on Scalpel contain (C), (MN) and (QS) respectively, after title. Provinces are abbreviated: Alberta-Atla., British Columbia-B.C., Manitoba-Man., New Brunswick-N.B., Newfoundland-Nfld., Nova Scotia-N.S., Ontario-Ont., Quebec-Que., Prince Edward Island-P.E.I., and Saskatchewan-Sask.

ABDOMINAL INJURIES: Renal trauma in children (Seruca, DeBock and

Guttman) 24 ABELE R: See EJECKAM GC

ABNORMALITIES: Hypospadias: review (Wilkin, Metcalfe and Lakey)

Transpleural end-to-end repair of esophageal atresia and

Transpleural end-to-end repair of esophageal atresia and tracheoesophageal fistula (Nason and Gillis) 168
ACCIDENTS: Chain-saw facial injuries (Rigg) 149
ACKMAN CFD, O'REGAN S, HERBA MD, LAPLANTE MP, LEMAITRE P and KAYE M: Experience with polytetrafluoroethylene grafts in patients on long-term hemodialysis 152
ADELMAN AG: See CHESNIE BM ADENOCARCINOMA: Adenocarcinoma of trachea: palliative response to Cobalt-60 irradiation (Harvey and others) 268
Primary malignant tumours associated with renal cell carcinoma (McLoughlin, Sullivan and Westmore) 601
Radiation therapy for adenocarcinoma of prostate (Bruce, Mahan Radiation therapy for adenocarcinoma of prostate (Bruce, Mahan and Lott) 424

Results of radical nephrectomy in 178 cases of renal cell adenocarcinoma (Oliver and others) 409 ADENOMA: Recurrent obstipation as complication of partial pancreatectomy for non-beta cell adenoma of pancreas (Fried and others) 354 Zollinger-Ellison Syndrome associated with parathyroid adenomas

and ectopic gastric tissue in the lower esophageal mucosa (Nakayasu and others) 71 ADRENAL GLANDS: Adrenal hemorrhage during treatment of ulcerative

colitis with adrenocorticotropic hormone (Simpson) 82
ADRENOCORTICOTROPIC HORMONE: See CORTICOTROPIN

AKYUREKLI Y: See BEDARD P ALLAN CM: See LEWIS RT ALLARDYCE DB: See FRY PD AMELI FM: See MALCOLM BW

ANDISON, ALEX: Alex Andison, associate editor of the Journal (1972-74, 1977-78) (QS) Mueller and MacLean) 204 ANEURYSM, ABDOMINAL: Spontaneous aortoduodenal fistula: successful

treatment by extra-anatomic vascular bypass (Lewis and Allan)

ANGEL A: See ARMSTRONG P
ANGINA PECTORIS: Results of aortocoronary bypass surgery in patients
with unstable angina (Chesnie and others) 137

ANTIBIOTICS: Nephrotoxicity and ototoxicity following irrigation of wounds with neomycin (Manuel and others) 274
Topical neomycin (QS) (Richardson and Mueller) 199

AORTA, ABDOMINAL: Bacteriologic monitoring in abdominal aortic surgery (Scobie and others) 368

AORTA, THORACIC: Nouvelle utilisation du "Gott aneurysm shunt" lors de derivation totale de la crosse aortique (Verdant and others)

AORTIC DISEASES: Exercise electrocardiography and myocardial perfusion imaging in diagnosis of coronary artery disease: preliminary report (Melendez and others) 334
Treatment of aortoiliac disease by axillofemoral artery bypass (Sheiner) 19

AORTOCORONARY BYPASS: Aortocoronary bypass for critical stenosis of main coronary artery (Dajee and others) 146 Aortocoronary bypass surgery in women (Jamieson and Miyagishima)

Bypass grafting for stenosis of left main coronary artery

(Bedard and others) 123 Clinical and angiographic determinants of early mortality related to aortocoronary bypass surgery (Campeau and others)

Intraoperative blood-flow responses in coronary artery bypass grafts (Salerno, Mulder and Chiu) 260
On understanding coronary bypass surgery (QS) (Salerno and

Value of nitroglycerin intervention angiography in predicting improvement in left ventricular contraction following aortoccronary bypass surgery (Roth, Kostuk and Patel) 126

Appendix: Torsion of greater omentum or appendice epiploicae

(Brady and Kliman) 79

ARCHIBALD SD, COLAPINTO D and FROST P: Early surgical management

of acute cholecystitis 464
ARMSTRONG P, SCOTT AA, ANGEL A and GLYNN MFX: Thrombosis and free fatty acids in patients subjected to total hip arthroplasty 366

ARTERIES: Treatment of unilateral iliac artery disease by femorefemoral bypass grafting (Sheiner, Ashby and Zeltzer)

ARTERIOVENOUS SHUNT, SURGICAL: Experience with

ARIKHOVENOUS SHOWL, SURGILAR: Experience with polytetrafluoroethylene grafts in patients on long-term hemodialysis (Ackman and others) 152
Polytetrafluoroethylene grafts for vascular access for hyperalimentation (Fry and Allardyce) 154
ARTHRITIS: Septic arthritis in childhood (Wiley and others) 326
ARTHROPLASTY: Thrombosis and free fatty acids in patients subjected to total hip arthroplasty (Armstrong and others) 366

ARTIFICIAL LIMBS: Sensory feedback in myoelectric upper limb prosthesis: preliminary report (Brittain, Sauter and Gibson) 481

481
ASCITES: Current status of peritoneovenous shunt for management of intractable ascites (Fry, Hallgren and Robertson) 557 Panel discussion (Langer and others) 560
ASCITES, HEPATIC: Severe coagulopathy following insertion of LeVeen shunt: potentially fatal complication (Lewis) 361
ASHBY D: See SHEINER NM
ASPIRIN: Aspirin prophylaxis of venous thromboembolic disease following fracture of upper femur (Channon and Wiley) 468

ATHLETIC INJURIES: Ski fractures above or below boot top (Dubravcik and Burke) 343 ATROPHY: Agenesis or atrophy of testis and vas deferens (Mercer)

245
ATTISHA RP: See PRESHAW RM
AUSTIN TW: See McCREDIE JA
AWAD SA: Urology papers (QS) 403
AWAD SA: Urology papers (QS) 403
AWAD SA, DOWNIE W and KIRULUTA HG: Pharmacologic treatment of
disorders of bladder and urethra: review 515
AMARDS AND PRIZES: Canadian Association of General Surgeons
Resident Research Contest 371; 443
1980 Davis & Geck Surgical Essay Award For Residents 559
Davis & Geck Surgical Essay award for residents 53; 191
Walter C. MacKenzie - Ethicon Travel Fellowship 529
AXILLOFEMORAL ARTERY BYPASS: Treatment of aortoiliac disease by
axillofemoral artery bypass (Sheiner) 19
AYENI OR: See FRIED GM

AYENI OR: See FRIED GM

В

BACTERIAL INFECTIONS: Bacteriologic monitoring in abdominal aortic surgery (Scobie and others) 368
BAILLOT R, LE GRESLEY LP and GIRARD RM: Le syndrome de Peutz-Jeghers 207; Correction 322
BAIRD MG: See BEDARD P
BAKER J: Memorial to Walter C. MacKenzie.
3. Tributes from the United States 307
BAKER RG: See COLLINS WE
RALLONN CATHETEP: Treatment of carotid cavernous fistula by

BALLOON CATHETER: Treatment of carotid cavernous fistula by intravascular occlusion using balloon catheter (Russell and others) 452

others) 452
BARBER G: See SCOBIE K
BARR RD: Significance of thymus-dependent lymphocytes in biology of human breast cancer (QS) 503
BARROWMAN JA: See GUY J
BARKIN M: See COMISAROW RH
BEANLANDS DS: See MORTON BC
BEDAND P: See MORTON BC
BEDAND P: BAIRD MG, AKYUREKLI Y, BRAIS M and KEON WJ: Bypass grafting for stenosis of left main coronary artery 123
BEI AND G: Abdominal suppone and upstor 58

BELAND G: Abdominal surgeon and ureter 540 BERNARD D: Indications de rectotomie posterieure pour tumeurs villeuses 278

See DUBE S BILIARY TRACT: Nontraumatic hemobilia: disparate episodes 7 years

apart in same patient (Lewis) 175 BIOGRAPHY: MacKenzie, Walter C. Memorial to Walter C. MacKenzie. 1. Introduction 303 1. Introduction 303
2. Walter C. MacKenzie, OC, BSc, MD, CM, MS, FACS, FRCS(C), Hon FRCS, Hon FRCS(Edin), Hon FRCS(Ire), Hon FRCS(Glas), LLD(McGill), LLD(Dalhousie), LLD(Manitoba) 1909-1978 (Macbeth)303
3. Tributes from the United States (Baker) 307
4. Tribute from South Africa (Louw) 310
6. Tribute from Hong Kong (Ong) 311
7. Tribute from England (Porritt) 312
8. Tribute from Poland (Rudowski) 313
Malton McGrazio (MM) (Dumbhu) 2009

Walter MacKenzie (MN) (Dunphy) 308 BIOMEDICAL ENGINEERING: Sensory feedback in myoelectric upper limb prosthesis: preliminary report (Brittain, Sauter and Gibson) 481

BIOPSY: Intraoperative transmural myocardial biopsy: simple technique (Salerno and others) 487 BIOPSY, NEEDLE: Computerized axial tomography and fine-needle biopsy in surgery of pancreas (Bourbeau and others) 29 BLACK LL: See NUTTING S

BLADDER: Pharmacologic treatment of disorders of bladder and urethra: review (Awad, Downie and Kiruluta) 515 BLADDER CALCULI: Electrohydraulic cystolitholapaxy (Comisarow and Barkin) 525

Studies of crystalluria in recurrent calcium lithiasis (Crassweller and others) 527 BLADDER NEOPLASMS: Management of primary bladder cancer by multidisciplinary team (Collins and others) 431 BLOOD CIRCULATION: Cerebral surveillance during cardiac surgery

BLOOD COAGULATION DISORDERS: Severe coagulopathy following insertion of LeVeen shunt: potentially fatal complication (Lewis) 361

BLOOD-FLOW STUDIES: Intraoperative blood-flow responses in coronary artery bypass grafts (Salerno, Mulder and Chiu) 260 BODY FLUIDS: Preinfarction diagnosis of acute mesenteric ischemia

by simple measurement of inorganic phosphate in body fluids
(Taylor, Jamieson and Durand) 40
BOIVIN Y: See BOURBEAU D
BONE DISEASES: Osteosarcoma (QS) (Shugar) 505
Osteosarcoma in Manitoba: review of 95 patients (Huebert) 564
BOSE B: Primary malignant retroperitoneal tumours: analysis of 30

BOSE B: Primary malignant retroperitoneal tumours: analysis of 30 cases 215
BOURASSA MG: See CAMPEAU L
BOURBEAU D, SYLVESTRE J, LEVESQUE H-P, DUSSAULT RG, BOIVIN Y and DUBE S: Computerized axial tomography and fine-needle biopsy in surgery of pancreas 29
BOWMAN DM: See RAMSEY EW
BOYD D: See TEVARKMERK GJM
BRADY SC and KLIMAN MR: Torsion of greater omentum or appendices epinloids 27

BRADY SC and KLIMAN MR: Torsion of greater omentum or appendices epiploicae 79
BRAIS M: See BEDARD P
BRANDES L: See CRASSWELLER PO
BREAST NEOPLASMS: Significance of thymus-dependent lymphocytes in biology of human breast cancer (QS) (Barr) 503
BRITTAIN RH, SAUTER WF and GIBSON DA: Sensory feedback in myoelectric upper limb prosthesis: preliminary report 481
BRONCHI: SESAP II Question; item 329 45; 59
BROWN RA: See FRIED GM
BRUCE AM, MAHAN DE and LOTT S: Radiation therapy for adenocarcinoma of prostate 424

of prostate 424

Of prostate 424
BURKE DL: See DUBRAVCIK P
BURNS: Thermal injury of bowel as complication of laparoscopic
sterilization (Maudsley and Qizilbash) 232
BYPASS GRAFTING: Treatment of unilateral iliac artery disease by
femorefemoral bypass grafting (Sheiner, Ashby and Zeltzer) 474

CALCULI: Electrohydraulic cystolitholapaxy (Comisarow and Barkin)

Studies of crystalluria in recurrent calcium lithiasis (Crassweller and others) 527
CALCIUM LITHIASIS: See BLADDER CALCULI
CAMPEAU L, LESPERANCE J, CROCHET D, HEITZ A, GRONDIN C and BOURASSA MG: Clinical and angiographic determinants of early mortality related to aortocoronary bypass surgery 221
CANADIAN ACADEMY OF UROLOGICAL SURGEONS: Urology papers (QS) (feed) 403

(Awad) 403

(Awad) 403
CANADIAN ASSOCIATION OF EMERGENCY PHYSICIANS: Canadian Association of Emergency Physicians (QS) (Mweller and MacLean) 6; (C) (Hillman) 389
CANADIAN ASSOCIATION OF GENERAL SURGEONS: Canadian Association of General Surgeons Resident Research Contest 289; 443
Computerized axial tomography and fine-needle biopsy in surgery of pancreas (Bourbeau and others) 29
CANADIAN CARDIOVASCULAR SOCIETY: Aortocoronary bypass for critical stenosis of left main coronary artery (Dajee and others) 146
Aortocoronary bypass surgery in women (Jamieson and Miyagishima) 132
Bypass grafting for stenosis of left main coronary artery

Bypass grafting for stenosis of left main coronary artery

(Bedard and others) 123
Fate of graft and native vessel following endarterectomy of left anterior descending coronary artery (Morton and others)

1942
Is left ventricular decompression necessary during coronary artery surgery? (Charrette and Salermo) 121
Results of aortocoronary bypass surgery in patients with unstable angina (Chesnie and others) 137

Value of nitroglycerin intervention angiography in predicting

value of nitroglycerin intervention angiography in predicting improvement in left ventricular contraction following aortocoronary bypass surgery (Roth, Kostuk and Patel) 126 CANADIAN JOURNAL OF SURGERY: Alex Andison, associate editor of the Journal (1972-74, 1977-78) (QS) (Mueller and MacLean) 204 Canadian Association of General Surgeons Resident Research Contest 371-4610 Contest 371; 443

Contest 371; 443
Directives aux collaborateurs 16; 190; 214; 355; 434; 559
Memorial to Walter C. MacKenzie.
1. Introduction 303
Relationship of Royal College to Journal (QS) (Martin) 5
Reviewers, 1978 37
SI "inches" forward.
1. Base units and some derived units (QS) (Mueller) 109
Urology papers (QS) (Awad) 403
CANADIAN MEDICAL ASSOCIATION: Relationship of Royal College to Journal (QS) (Martin) 5

CANADIAN ORTHOPAEDIC ASSOCIATION: Orthopedic surgery today (Cruess)

CARCINOMA: ODMA: Abdominal crisis due to metastasizing lung carcinoma to small bowel (Ejeckam and others) 351

Adenocarcinoma of trachea: palliative response to Cobalt-60 irradiation (Harvey and others) 268

Diarrhea and medullary carcinoma of thyroid (Guy, Jenkins and

Diarrnea and meduliary carcinoma of chyrold (duy, Jenkins Barrowman) 387 Management of primary bladder cancer by multidisciplinary team (Collins and others) 431 Multiple primary cancers involving lung (Mitchell) 54 Renal cell carcinoma in children (Herschorn, Hardy and Churchill) 412

Significance of thymus-dependent lymphocytes in biology of human breast cancer (QS) (Barr) 503 Surgical management of renal cell carcinoma at Vancouver General Hospital: 20-year review (Sullivan, Westmore and McLoughlin) 427

Surgical treatment of carcinoma of prostate (Robson) 421 CARCINOMA, DUCTAL: Follicular carcinoma in a thyroglossal duct (van Zuiden, Machin and Mydland) 590

CARCINOMA, EPIDERMOID: Anterior intranasal carcinoma (Shiffman) 159

Pure squamous cell carcinoma of stomach (Rioux and Masse) 238

238
Squamous cell carcinoma arising in chronic osteomyelitis
(Inglis, Morton and Lehmann) 271
CARCINOMA, SQUAMOUS CELL: See CARCINOMA, EPIDERMOID
CARDIAC OUTPUT: Cardiac output measurement by the thermodilution
(Pelletier, Dufort and Fortier) 347
CARDIOPULMONARY BYPASS: Effect of cardiopulmonary bypass and
hypothermia on pancreatic endocrine function and peripheral
utilization of glucose (Landymore, Murphy and Longley) 248
CAROTID ARTERY FISTULA: Treatment of carotid cavernous fistula by

intravascular occlusion using balloon catheter (Russell and

others) 452 CAROTID BODY TUMOR: Carotid body tumour (Chung) 319 CARR I: See NUTTING S

CATHETERIZATION: Percutaneous transfemoral retrieval of "runaway" ventriculoatrial shunt (Ekong, Gabriel and Lopez) 456
Treatment of carotid cavernous fistula by intravascular occlusion using balloon catheter (Russell and others) 452
CATTON GE: See COLLINS WE
CHAIN-SAW: Chain-saw facial injuries (Rigg) 149
CHAMBERS M: See TELFER C
CHAMBERS J: See MORTON BC
CHANDLER BM: See DAJEE H
CHANNON GM and MILEY AM: Aspirin prophylaxis of venous thromboembolic disease following fracture of upper femur 468
CHARRETTE EJP: See SALLENIO TA
CHARRETTE EJP and SALLENIO TA: Is left ventricular decompression necessary during coronary artery surgery? 121 CATHETERIZATION: Percutaneous transfemoral retrieval of "runaway"

CHEMOTHERAPY: See DRUG THERAPY
CHESNIE BM, ADELMAN AG, DOUGLAS BC, MAGDER SA, HUCKELL F and
GOLDMAN BS: Results of aortocoronary bypass surgery in
patients with unstable angina 137
CHILD: Infected joints in children (QS) (Shugar) 299
Renal cell carcinoma in children (Herschorn, Hardy and
Churchill) 412
Panal haums in children (Spansa DeBook and Suffman) 24

Renal trauma in children (Seruca, DeBock and Guttman) 24 Septic arthritis in childhood (Wiley and Fraser) 326 CHIU RCJ: See SALERNO TA

CHIO RCJ: See SALENUI IS CHOLECYSTECTOMY: Cholecystectomy with and without drainage (Kassum, Gagic and Menon) 358 Early surgical management of acute cholecystitis (Archibald, Colapinto and Frost) 464; (QS) (Gagic) 405 SESAP II Question; Item 439 316; 337 To drain or not to drain (QS) (Mexler) 297 Use of drain in cholecystectomy (C) (Kassum, Gagic and Menon)

USE Of ARTH IN CONCESSES OF COLAPINIO D: See ARCHIBALD SD

CHOLECYSTITIS: Early surgical management of acute cholecystitis (Archibald, Colapinto and Frost) 464; (QS) (Gagic) 405

CHRISTOU NV, STEIN LA and MEAKINS JL: Recurrent gastrointestinal bleeding due to smooth muscle tumours of small intestine 95

CHUNG MB: Carotid body tumour 319

CHURCHILL BM: See HERSCHORN S

CICATRIX: Metastatic endometriosis in abdominal scars (King) 579

CIMETIDINE: See GUANIDINES:

CLAVICLE: Pneumothorax complicating fracture of clavicle (Malcolm, Ameli and Simmons) 84

CLEATOR IGM: See NAKAYASU A

CLEIN LJ: See EKONG CEU

COMENT D: See ARCHIBALD SD

COILAPINTO D: See ARCHIBALD SD

COIN LESION, PULMONARY: Solitary pulmonary nodules due to sarcoidosis (Mutting and others) 584

COLE FM: See NUTTING S

COLE FM: See NUTTING S
COLITIS: Ischemic colitis associated with hypertension (Detry and others) 256
COLITIS: UCCEPATIVE: Adrenal hemorrhage during treatment of ulcerative colitis with adrenocorticotropic hormone (Simpson)

82
COLLINS WE, CATTON GE, HUSSEY A, BAKER RG and LAST JM: Management of primary bladder cancer by multidisciplinary team 431
COLONIC ANASTOMOSES: Randomized sequential trial of parenteral nutrition in healing of colonic anastomoses in man (Preshaw and others) 437

COLONIC NEOPLASMS: Hemoccult test as a routine screening procedure for colorectal disease in private clinic setting (Stewart and Wiens) 572

wiens) Jo. 2005. Wiens Jo. 2007. Wiens Jo. 2007. Wiens Jo. 2007. Wiens Jo. 2007. Wiens Joseph John JJ: See LANGER B CONSTIPATION: Recurrent obstipation as complication of partial pancreatectomy for non-beta cell adenoma of pancreas (Fried and others) 354

and others) 354
COOPERBERG PL: See STOLLER JL
CORONARY DISEASE: Aortocoronary bypass for critical stenosis of
left main coronary artery (Dajee and others) 146
Aortocoronary bypass surgery in women (Jamieson and
Miyagishima) 132

Bypass grafting for stenosis of left main coronary artery (Bedard and others) 123

Clinical and anglographic determinants of early mortality related to aortocoronary bypass surgery (Campeau and others) 221

Exercise electrocardiography and myocardial perfusion imaging in diagnosis of coronary artery disease: preliminary report (Melendez and others) 334 Fate of graft and native vessel following endarterectomy of

left anterior descending coronary artery (Morton and others)

Results of aortocoronary bypass surgery in patients with unstable angina (Chesnie and others) 137 SESAP II Question; Item 416 129; 151

Understanding coronary bypass surgery (QS) (Salerno and Chiu)

Value of nitroglycerin intervention angiography in predicting

value of nitroglycerin intervention anglography in predicting improvement in left ventricular contraction following aortocoronary bypass surgery (Roth, Kostuk and Patel) 126 CORONARY VESSELS: Is left ventricular decompression necessary during coronary artery surgery? (Charrette and Salerno) 121 CORTICOTROPIN: Adrenal hemorrhage during treatment of ulcerative colitis with adrenocorticotropic hormone (Simpson) 82

COSSETTE R: See VERDANT A
CRASSWELLER PO, BRANDES L, KATIRTZOGLOU A and OREOPOULOS DG:
Studies of crystalluria in recurrent calcium lithiasis 527
CROCHET D: See CAMPEAU L
CRYSTALLURIA: Studies of crystalluria in recurrent calcium
lithiasis (Crassweller and others) 527
CROCES D: Owthoracing curranty today 506

CRUESS RI: Orthopedic surgery today 596 CYSTOLITHOLAPAXY: See LITHOTRITE, ELECTROHYDRAULIC: CYSTS, ABDOMINAL: Formation of abdominal cyst secondary to ventriculoperitoneal shunting (Ekong and Clein) 250

D

DACRON: See POLYETHYLENE TEREPHTHALATE

DAJEE H, MURPHY DA, MOFFITT EA, KINLEY CE, PARROTT JA and CHANDLER BM: Aortocoronary bypass for critical stenosis of left main coronary artery 146 DAVIS AND GECK SURGICAL ESSAY, 1978: Preinfarction diagnosis of

acute mesenteric ischemia by simple measurement of inorganic phosphate in body fluids (Taylor, Jamieson and Durand) 40 DEBAS HT: Clinical implications of gastrointestinal hormones 10

DeBOCK J: See SERUCA H

DELORME J: See TURCOT R
DETRY R, DEVROEDE G, MADARNAS P, HADDAD H and GYSLING E: DE G: See DETRY R

DEVROEDE G: See DETRY R
DIAGNOSIS: Occult signs of sepsis (QS) (Neakins) 505
Symposium on portal hypertension and its complications:
current management. Preoperative assessment and predictors
of encephalopathy (Huet and others) 545
Testicular scanning: its efficacy in diagnosing intrascrotal
lesions (Orovan and McLorie) 477

DIARRHEA: Diarrhea and medullary carcinoma of thyroid (Guy, Jenkins and Barrowman) 387

DOMMISSE IG and LLOYD GJ: Injuries to fifth carpometacarpal region 240

DONTIGNY L: See VERDANT A DOUGLAS BC: See CHESNIE BM DOWELL AJ: See NAKAYASU A DOWNIE JW: See AWAD SA

DRAINAGE: Cholecystectomy with and without drainage (Kassum, Gagic and Menon) 358

To drain or not to drain (QS) (Wexler) 297 Use of drains in cholecystectomy (C) (Kassum, Gagic and Menon)

DRIEDGER AA: See MELENDEZ LJ DRUG: Heparin via lung (Wright and Jaques) 317 DRUG ADMINISTRATION: Heparin via lung (Wright and Jaques) 317 DRUG THERAPY: Management of disseminated testicular cancer (Ramsey,

DRUG THERAPY: Management of disseminated testicular cancer (Ramsey, Bowman and Weimerman) 418
Osteosarcoma (QS) (Shugar) 505
Pharmacologic treatment of disorders of bladder and urethra: review (Awad, Downie and Kiruluta) 515
Adverse effects: Nephrotoxicity and ototoxicity following irrigation of wound with neomycin (Manuel and others) 274
Topical neomycin (QS) (Richardson and Mueller) 199
DUBE S: See BOURBEAU D
DUBE S, PERREAULT JP, DUMONT A and BERNARD D: Coloretal neoplasm:

rare complication of ureterosigmoidostomy 483

DUBRAVCIK P and BURKE DL: Ski fractures above or below boot top

DUFORT G: See PELLETIER C DUGUAY 1: See HUET P-M See DUBE S

DUNPHY B: Walter MacKenzie (MN) 308
DUODENAL ULCER: Highly selective vagotomy and truncal vagotomy and pyloroplasty for duodenal ulcer: clinical review (McLeod and Cohen) 113

DUODENUM: Gangliocytic paraganglioma of duodenum (Konok and Sanchez-Cassis) 173

DURAND D: See TAYLOR BM DUSSAULT RG: See BOURBEAU D

E

EAR: Nephrotoxicity and ototoxicity following irrigation of wounds with neomycin (Manuel and others) 274
EDMONDS VE: See TATOR CH
EJECKAM GC, ABELE R, THOMAS J and HERINGER R: Abdominal crisis due to metastasizing lung carcinoma to small bowel 351
EKONG CEU and CLEIN LJ: Formation of abdominal cyst secondary to

ventriculoperitoneal shunting 250

EKONG CEU, GABRIEL YH and LOPEZ JF: Percutaneous transfemoral retrieval of "runaway" ventriculoatrial shunt 456

ELASTIN: Elastin and granulation tissue (Telfer and others) 440 ELDER R: See SCOBIE K ELECTROCARDIOGRAPHY: Cerebral surveillance during cardiac surgery

(Salerno and others) 325

Exercise electrocardiography and myocardial perfusion imaging in diagnosis of coronary artery disease: preliminary report

(Melendez and others) 334

ELECTROSURGERY: Thermal injury of bowel as complication of laparoscopic sterilization (Maudsley and Qizilbash) 232

laparoscopic sterilization (Maudsley and Qizilbash) 232
EMBOLIZATION: Selective superior mesenteric embolization for small intestinal hemorrhage (Todd and others) 283
EMERGENCY MEDICINE: Canadian Association of Emergency Physicians (QS) (Mueller and MacLean) 6; (C) (Hillman) 389
ENCEPHALOPATHY: Symposium on portal hypertension and its complications: current management. Preoperative assessment and predictors of encephalopathy (Huet and others) 545
ENDARTERECTOMY: Fate of graft and native vessel following endarterectomy of left anterior descending coronary artery (Morton and others) 142
ENDOCRINLOGY: Clinical implications of gastrointestinal hormones

ENDOCRINOLOGY: Clinical implications of gastrointestinal hormones

(Debas) 10 ENDOMETRIOSIS: Metastatic endometriosis in abdominal scars (King)

ERYTHROMYCIN: SESAP II Question; Item 269-272 211; 273
ESOPHAGEAL ATRESIA: Transpleural end-to-end repair of esophageal
atresia and tracheoesophageal fistula (Nason and Gillis) 168
ESOPHAGEAL PERFORATION: Anaerobic mediastinitis and septic shock

secondary to esophageal perforation (Turcot and others) 38: ESOPHAGEAL VARICES: Elective management of patient who has bled from esophageal varices (Langer, Rotstein and Greig) 5 Emergency treatment of variceal hemorrhage (Orloff) 550 554

Emergency treatment of Variceal nemorrhage (Uriotr) 550
Panel discussion (Langer and others) 560
ESOPHAGUS: Zollinger-Ellison Syndrome associated with parathyroid
adenomas and ectopic gastric tissue in the lower esophageal
mucosa (Nakayasu and others) 71
EXTRACORPOREAL CIRCULATION: Effect of cardiopulmonary bypass and
hypothermia on pancreatic endocrine funtion and peripheral
utilization of glucose (Landymore, Murphy and Longley) 248

FACIAL INJURIES: Chain-saw facial injuries (Rigg) 149
FARROW GA: Autotransplantation for treating renovascular

hypertension 522 FATTY ACIDS: Thrombosis and free fatty acids in patients subjected to total hip arthroplasty (Armstrong and others)

FEEDBACK, SENSORY: Sensory feedback in myoelectric upper limb prosthesis: preliminary report (Brittain, Sauter and Gibson)

FEMORAL FRACTURES: Aspirin prophylaxis of venous thromboembolic disease following fracture of upper femur (Channon and Wiley) 468 FEMORAL NERVE:

Iatrogenic femoral nerve injuries (Hudson, Hunter and Waddell) 62

FINGERS: Digital replantation: functional assessment (Manktelow and McKee) 47

FISTULA: Spontaneous aortoduodenal fistula: successful treatment

PISTULA: Spontaneous aortoduodenal Tistula: Successful treatment by extra-anatomic vascular bypass (Lewis and Allan) 234 Treatment of carotid cavernous fistula by intravascular occlusion using balloon catheter (Russell and others) 452 FLEISCHER-DJOLETO O, HANNA SS and JIRSCH DW: Surgical management of subphrenic abscess 85 FORTIER P: See PELLETIER C FORTIN CL, POULIN EC and LECLERC Y: Evaluation de l'utilisation

des appareils d'autosuture en chirurgie digestive 580

FRACTURE FIXATION, INTERNAL: Methymethacrylate as adjunct in internal fixation of pathologic fractures (Schatzker and Ha'Eri) 179

FRACTURES: URES: Aspirin prophylaxis of venous thromboembolic disease following fracture of upper femur (Channon and Wiley) 468 Injuries to fifth carpometacarpal region (Dommisse and Lloyd)

Methymethacrylate as adjunct in internal fixation of pathologic fractures (Schatzker and Ha'Eri) 179 Pneumothorax complicating fracture of clavicle (Malcolm, Ameli and Simmons) 84 Ski fractures above or below boot top (Dubravcik and Burke)

FRASER GA: See WILEY JJ FRIED GM, AYENI OR, BROWN FA and LOUGH J: Recurrent obstipation as complication of partial pancreatectomy for non-beta cell adenoma of pancreas 354 FROST P: See ARCHIBALD SD

FRY PD and ALLARDYCE DB: Polytetrafluoroethylene grafts for vascular access for hyperalimentation 154 FRY PD, HALLGREN R and ROBERTSON ME: Current status of peritoneovenous shunt for management of intractable ascites 557

G

GABRIEL YH: See EKONG CEU

GAGIC NM: Early surgical management of acute cholecystitis (QS)

GAGIC NM: See KASSUM DA

GAGNON RM: See TURCOT R
GALBLADDER DISEASES: Early surgical management of acute
cholecystitis (Archibald, Colapinto and Frost) 464; (QS)
(Gagic) 405

GASTRIC MUCOSA: Zollinger-Ellison syndrome associated with parathyroid adenomas and ectopic gastric tissue in the lower esophageal mucosa (Nakayasu and others) 71

Clinical implications of gastrointestinal hormones (Debas) 10 GASTROINTESTINAL DISEASES:

DINTESTINAL DISEASES: Le syndrome de Peutz-Jeghers (Baillot, Le Gresley and Girard) 207

GASTROINTESTINAL HORMONES: Clinical implications of gastrointestinal hormones (Debas) 10
GASTROINTESTINAL SYSTEM: Evaluation de l'utilisation des appareils d'autosuture en chirurgie digestive (Fortin, Poulin and Leclerc) 580

Lecterc) 580
Restoration of gastrointestinal continuity (Pauchet's Operation) (Johnston) 90
GIBSON DA: See BRITTAIN RH
GILLIS DA: See NASON HO
GIRARD RM: See BAILLOT R
GLOMERULONEPHRITIS: Bilateral patellar tendon rupture associated with chronic glomerulonephritis (C) (Hughes and Harder) 389

GLYCERYL TRINITRATE: Value of nitroglycerin intervention angiography in predicting improvement in left ventricular contraction following aortocoronary bypass surgery (Roth, Kostuk and Patel) 126

GLYNN MFX: See ARMSTRONG P GOLDBERG M: See HARVEY JC GOLDMAN BS: See CHESNIE BM

GOTT ANEURYSM SHUNT: Nouvelle utilisation du "Gott aneurysm shunt" lors de derivation totale de la crosse aortique

(Verdant and others) 88 GRAFT SURVIVAL: Experience with polytetrafluoroethylene grafts patients on long-term hemodialysis (Ackman and others)

Polytetrafluoroethylene grafts for vascular access for hyperalimentation (Fry and Allardyce) 154 IS: See PROSTHESIS

GRANULATION TISSUE: Elastin and granulation tissue (Telfer and

others) 440

others) 440
GREIG PD: See LANGER B
GROLL A: See TODD TRJ
GRONDIN C: See CAMPEAU L
GUANIDINES: Effect of cimetidine on chronic gastric ulcers
produced experimentally in rats (MacPherson and Kilam) 385
GUTMANIS PA and RORABECK CH: Pyogenic infections of adult spine

162 GUTTMAN FM: See SERUCA H GUTTMAN RD: See ROOK A

GUY J, JENKINS H and BARROWMAN JA: Diarrhea and medullary carcinoma of thyroid 387 GYSLING E: See DETRY R

H

HA'ERI GB: See SCHATZKER J HADDAD H: See DETRY R HALLGREN R: See FRY PD HAND INJURIES: Digital replantation: functional assessment (Manktelow and McKee) 47

Injuries to fifth carpometacarpal region (Dommisse and Lloyd)

HANNA SS: See FLEISCHER-DJOLETO O

HANSEN GO, THORLAKSON TK and LYONS EA: Intussusception after intestinal bypass for morbid obesity: use of ultrasonography in diagnosis

in diagnosis 227
HARDER JA: See HUGHES GNF
HARDY BE: See HERSCHORN S
HARDY FC, KEEN CN, MAKONKA L, LUK SC and GOLDBERG M: Adenocarcinoma
of trachea: palliative response to Cobalt-60 irradiation 268
HEART FUNCTION TESTS: Cardiac output measurement by thermodilution
(Pelletier, Dufort and Fortier) 347

Cerebral surveillance during cardiac surgery (Salerno and others) 325

Clinical and angiographic determinants of early mortality related Clinical and anglographic determinants of early mortality related to aortocoronary bypass surgery (Campeau and others) 221
Intraoperative blood-flow responses in coronary artery bypass grafts (Salerno, Mulder and Chiu) 260
Is left ventricular decompression necessary during coronary artery surgery? (Charrette and Salerno) 121
On understanding coronary bypass surgery (QS) (Salerno and Chiu) 203

203

See CAMPEAU L

HEMOBILIA: See HEMORRHAGE, GASTROINTESTINAL
HEMODIALYSIS: Experience with polytetrafluoroethylene grafts in

patients on long-term hemodialysis (Ackman and others) 152
HEMOCCULT TEST: Hemoccult test as a routine screening procedure for colorectal disease in private clinic setting (Stewart and Wiens)

HEMORRHAGE: Adrenal hemorrhage during treatment of ulcerative colitis with adrenocorticotropic hormone (Simpson) 82

with adrenocorticotropic hormone (Simpson) 82
Elective management of patient who has bled from esophageal
varices (Langer, Rotstein and Greig) 554
Emergency treatment of variceal hemorrhage (Orloff) 550
HEMORRHAGE, GASTROINTESTINAL: Nontraumatic hemobilia: disparate
episodes 7 years apart in same patient (Lewis) 175
Recurrent gastrointestinal bleeding due to smooth muscle
tumours of small intestine (Christou, Stein and Meakins) 95
Selective superior mesenteric embolization for small intestinal
hemorrhage (Todd and others) 283
HEPARIN: Heparin via lung (Wright and Jaques) 317
HEPATIC ARTEKY: Nontraumatic hemobilia: disparate episodes 7 years
apart in same patient (Lewis) 175

MITTALL AKLEKT: NORTRAUMATIC NEMODITIA: disparate episodes 7 yea apart in same patient (Lewis) 175 HERBA MJ: See ACKMAN CFD HEREDITARY DISEASES: Le syndrome de Peutz-Jeghers (Baillot, Le Gresley and Girard) 207 HERINGER R: See EJECKAM GC HERSCHORN S, HARDY BE and CHURCHILL BM: Renal cell carcinoma in children 412

children 412

HILLMAN ES: Canadian Association of Emergency Physicians (C) 389 HIP JOINT: Thrombosis and free fatty acids in patients subjected to total hip arthroplasty (Armstrong and others) 366

HISTORY OF MEDICINE: Early medicine and surgery in New Brunswick (Stewart) 183 Scientific salients in surgery (Moore) 339

HO C-S: See LANGER B
HOLLIDAY RL: See McCREDIE JA
HOLLINGSWORTH WJ: See PRESHAW RM

Predictive value for survival of lymphocytes and polymorphonuclear leukocytes in patients with sepsis (McCredie) and others) 447

Prognostication or biology: acquired abnormalities of host defence mechanism in surgical patients (QS) (Meakins) 403 HUCKELL F: See CHESNIE BM HUDSON AR, HUNTER GA and WADDELL JP: Iatrogenic femoral nerve

injuries 62

HUEBERT HT: Osteosarcoma in Manitoba: review of 95 patients 564

HUET P-M, MARLEAU D, VIALLET A, DUGUAY L, TANGUAY S and LAVOIE P:

Symposium on portal hypertension and its complications:

current management. Preoperative assessment and predictors of current management. Preoperative assessment and predictors of encephalopathy 545
HUGHES GWF and HARDER JA: Bilateral patellar tendon rupture associated with chronic glomerulonephritis (C) 389
HUNTER GA: See HUDSON AR
HUSSEY A: See COLLINS WE
HUTCHINSON TA: See ROOK A
HYPERALIMENTATION, PARENTERAL: See PARENTERAL HYPERALIMENTATION
HYPERALIMENTATION: Ischemic colitis associated with hypertension (Detry

HYPERTENSION: Ischemic colitis associated with hypertension (Detry

and others) 256 HYPERTENSION, PORTAL: Panel discussion (Langer and others) 560

HYPERTENSION, PÖRTÄL: Panel discussion (Langer and others) 560
Symposium on portal hypertension and its complications: current
management. Preoperative assessment and predictors of
encephalopathy (Huet and others) 545
HYPERTENSION, RENAL: Autotransplantation for treating renovascular
hypertension (Farrow) 522
HYPERTENSION, RENOVASCULAR: See HYPERTENSION, RENAL
HYPERTHYROIDISM: Propranolol in thyrotoxicosis:
II. Serum thyroid hormone concentrations during subtotal
thyroidectomy (Tevaarwerk and Boyd) 264
HYPOSPADIAS: Hypospadias: review (Wilkin, Metcalfe and Lakey) 532
HYPOTHERMIA: Effect of cardiopulmonary bypass and hypothermia on
pancreatic endocrine function and peripheral utilization of
glucose (Landymore, Murphy and Longley) 248

ILIAC ARTERY: Treatment of unilateral iliac artery disease by femorefemoral bypass grafting (Sheiner, Ashby and Zeltzer)

IMMUNOLOGY: Host defence mechanisms (C) (McCredie) 509
Prognostication or biology: acquired abnormalities of host
defence mechanism in surgical patients (QS) (Meakins) 403
INFANTS, NEMBORN: Transpleural end-to-end repair of esophageal
atresia and tracheoesophageal fistula (Nason and Gillis)

168

168
INFECTION: Host defence mechanisms (C) (McCredie) 509
Infected joints in children (QS) (Shugar) 299
Occult signs of sepsis (QS) (Meakins) 505
Predictive value for survival of lymphocytes and polymorphonuclear leukocytes in patients with sepsis (McCredie and others) 447
Prognostication or biology: acquired abnormalities of host defence mechanism in surgical patients (QS) (Meakins) 403
Pyogenic infections of adult spine (Gutmanis and Rorabeck) 162
INGLIS AM, MORTON KS and LEHMANN ECH: Squamous cell carcinoma arising in chronic esteonymelities 271

INGLIS AM, MORIUN KS and LEHMANN ECHT: Squamous cell carcinoma arisi in chronic osteomyelitis 271
INTESTINAL BYPASS: Intussusception after intestinal bypass for morbid obestiy: use of ultrasonography in diagnosis (Hansen, Thorlakson and Lyons) 227
INTESTINAL DISCASES: Preinfarction diagnosis of acute mesenteric ischemia by simple measurement of inorganic phosphate in body

fluids (Taylor, Jamieson and Durand) 40
INTESTINAL FISTULA: Spontaneous aortoduodenal fistula: successful treatment by extra-anatomic vascular bypass (Lewis and Allan)

234
INTESTINE, LARGE: Restoration of gastrointestinal continuity
(Pauchet's Operation) (Johnston) 90
INTESTINE, SMALL: Abdominal crisis due to metastasizing lung carcinoma
to small bowel (Ejeckam and others) 351
Involvement of small intestine in familial polyposis coli
(Warmington and Passi) 460
Recurrent gastrointestinal bleeding due to smooth muscle tumours of
small intestine (Christon, Stein and Meakins) 90

small intestine (Christou, Stein and Meakins) 95
Selective superior mesenteric embolization for small intestinal hemorrhage (Todd and others) 283
Thermal injury of bowel as complication of laparoscopic sterilization (Maudsley and Quizilbash) 232
INTUSSUSCEPTION: Intussusception after intestinal bypass for morbid

obesity: use of ultrasonography in diagnosis (Hansen, Thorlakson and Lyons) 227
IRRADIATION: See RADIOTHERAPY
IRRIGATION: Nephrotoxicity and ottoxicity following irrigation of wounds with neomycin (Manuel and others) 274 ISCHEMIA: Ischemic colitis associated with hypertension (Detry and

others) 256 Preinfarction diagnosis of acute mesenteric ischemia by simple measurement of inorganic phosphate in body fluids (Taylor, Jamieson and Durand) 40 ISONIAZID: SESAP II Question; Item 269-272 211; 273

J

JAMIESON WG: See TAYLOR BM JAMIESON WRE and MIYAGISHIMA RT: Aortocoronary bypass surgery in women

JAQUES LB: See WRIGHT CJ

JEJUNUM: Intussusception after intestinal bypass for morbid obesity: use of ultrasonography in diagnosis (Hansen, Thorlakson and Lyons)

JENKINS H: See GUY J
JIRSCH DW: See FLEISCHER-DJOLETO O
JOASSIN AM: See TURKCOT R
JOHNSTON DWB: Restoration of gastrointestinal continuity (Pauchet's

Operation) 90

JOINT DISEASES: Septic arthritis in childhood (Wiley and others) 326

JOINTS: Infected joints in children (QS) (Shugar) 299

JONES DT: See MELENDEZ LJ

K

KANAMYCIN: SESAP II Question; Item 269-272 211; 273 KARASEWICH E: See UNRUH H KASSUM DA, GAGIC NM and MENON GT: Cholecystectomy with and without

drainage 358

Use of drains in cholecystectomy (C) 508
KATIRTZOGLOU A: See CRASSWELLER PO
KAY D: Memorial to Walter C. MacKenzie.
4. Tribute from Scotland 309
KAYE M: See ACKMAN D:
KEEN CM: See HARVEY JC
KEEN CM: See BERMUD D

KEON WJ: See BEDARD P See MORTON BC KIDNEY: Renal trauma in children (Seruca, DeBock and Guttman) 24
Results of retransplantation in individuals who received two
successive cadaver kidneys (Rook and others) 519 KIDNEY FAILURE: Nephrotoxicity and ototoxicity following irrigation of wounds with neomycin (Manuel and others) 274
KIDNEY NEOPLASMS: Primary malignant tumours associated with renal cell carcinoma (McLoughlin, Sullivan and Westmore) 601
Renal cell carcinoma in children (Herschorn, Hardy and Churchill)

Results of radical nephrectomy in 178 cases of renal cell adenocarcinoma (Oliver and others) 409 Surgical managment of renal cell carcinoma at Vancouver General Hospital: 20-year review (Sullivan, Westmore and McLoughlin) 427 KILAM SK: See MacPHERSON BR

KING MLM: Metastatic endometriosis in abdominal scars 579
KINLEY CE: See DAJEE H
KIRULUTA HG: See AWAD SA
KLIMAN MR: See BRADY SC

KONOK GP and SANCHEZ-CASSIS G: Gangliocytic paraganglioma of duodenum

KOSTUK WJ: See ROTH D KURTZ I: See MANUEL MA

L

LAKEY WH: See WILKIN P LANDYMORE RW, MURPHY DA and LONGLEY WJ: Effect of cardiopulmonary

LATIOTIVE NW. MURPHY DA and LONGLEY WJ: Effect of cardiopulmonary bypass and hypothermia on pancreatic endocrine function and peripheral utilization of glucose 248

LANGER B, FRY PD, HUET P-M and ORLOFF MJ: Panel discussion 560

LANGER B, LIPSON R, MCHATTIE JD, CONNON JJ, HO C-S, MCLOUGHLIN MJ, PHILLIPS MJ and TAO L-C: Periampullary tumours: advances in diagnosis and surgical treatment 34

LANGER B, ROTSTEIN LE and GREIG PD: Elective management of patient who has bled from esophageal varices 554

LAPLANTE MP: See ACKMAN CFD

See OI IMFP 1.4

See OLIVER JA See ULIVER JA
LAST JM: See COLLINS WE
LAVOIE P: See HUET P-M
LECLERC Y: See FORTIN CL
LE GRESLEY LP: See BAILLOT R
LEES GM: See TELFER C

LEFT VENTRICULAR DECOMPRESSION: See VASCULAR SURGERY LEHMANN ECH: See INGLIS AM LEMAITRE P: See ACKMAN CFD

LESPERANCE J: See CAMPEAU L LeVEEN SHUNT: See PERITONEOVENOUS SHUNT LEVESQUE H-P: See BOURBEAU D LEWIS RT: Nontraumatic hemobilia: disparate episodes 7 years apart in same patient 175
Severe coagulopathy following insertion of LeVeen shunt:
potentially fatal complication 361
LEWIS RT and ALLAN CM: Spontaneous aortoduodenal fistula: successful

treatment by extra-anatomic vascular bypass 234
LINCE DP: See SALERNO TA
LIPSON R: See LANGER B

LITHOTRITE, ELECTROHYDRAULIC: Electrohydraulic cystolitholapaxy

LLIHOLKIE, ELECTROHIDRAULLI: Electronydraulic cystolitholapaxy (Comisarow and Barkin) 525 LIVER CIRRHOSIS: Elective management of patient who has bled from esophageal varices (Langer, Rotstein and Greig) 554 Emergency treatment of variceal homorrhage (Orloff) 550 LIVER DISEASES: Current status of peritoneovenous shunt for management of intractable ascites (Fry, Hallgren and Robertson)

557

557
Elective management of patient who has bled from esophageal varices (Langer, Rotstein and Greig) 554
Emergency treatment of variceal hemorrhage (Orloff) 550
Panel discussion (Langer and others) 560
Symposium on portal hypertension and its complications: current management. Preoperative assessment and predictors of encephalopathy (Huet and others) 545
YD GJ: See DOMMISSE IG
GETERM CARP: Experience with polytetrafluorpethylene graffs in

CONG-TERM CARE: Experience with polytetrafluoroethylene grafts in patients on long-term hemodialysis (Ackman and others) 152 LONGLEY WJ: See LANDYMORE RW

LONGLEY W3: See LANDYMORE W LOPEZ JF: See EKONG CEU LOTT S: See BRUCE AW LOUGH J: See FRIED GM LOUM J: Memorial to Walter C. MacKenzie. 5. Tribute from South Africa 310 LOVELAND M: See TURCOT R LUK SC: See HARVEY JC

LUNG NEOPLASMS: Abdominal crisis due to metastasizing lung carcinoma to small bowel (Ejeckam and others) 351

Multiple primary cancers involving lung (Mitchell) 54
LYMPHANGIOSARCCMA: Postmastectomy lymphangiosarcoma: experience with three patients and electron microscopic observations in one (Unruh, Robertson and Karasewich) 586
LYMPHOCYTES: Predictive value for survival of lymphocytes and

polymorphonuclear leukocytes in patients with sepsis (McCredie and others) 447

T-LYMPHOCYTES: Significance of thymus-dependent lymphocytes in biology of human breast cancer (QS) (Barr) 503 LYNN RB: Knitted dacron ultra-lightwight grafts - warning 593 See SALERNO TA

LYONS EA: See HANSEN GO

MacBETH B: Memorial to Walter C. MacKenzie.

2. Walter C. MacKenzie, OC, BSc, MD, CM, MS, FACS, FRCS(C), Hon FRCS, Hon FRCS(Edin), Hon FRCS(Ire), Hon FRCS(Glas), LLD (McGill), LLD (Maitoba), 1909-1978 303

McCREDIE JA: Host defence mechanisms (C) 509

McCREDIE JA, AUSTIN TW, HOLLIDAY RL and SIBBALD Wd: Predictive value for survival of lymphocytes and polymorphonuclear leukocytes in patients with sepsis 447

McCULLOGH CF: Trans-sphincteric approach to rectum 435

MacDONALD AC: See MELENDEZ LJ

McHATITE JD: See LANGER B

McHATTIE JD: See LANGER B McINTYRE D: See TODD TRJ See MANKTELOW RT

MacKENZIE, WALTER C (1909-1978): Memorial to Walter C. MacKenzie. 1. Introduction 303

1. Introduction 303
2. Walter C. MacKenzie, OC, BSc, MD, CM, MS, FACS, FRCS(C), Hon FRCS, Hon FRCS(Edin), Hon FRCS(Ire), Hon FRCS(Glas), LLD(McGill), LLD(Dalhousie), 1909-1978 (MacBeth) 303
3. Tributes from the United States (Baker) 307
4. Tribute from Scotland (Kay) 309
5. Tribute from South Africa (Louw) 310

5. Tribute from South Africa (Low) 310
6. Tribute from Hong Kong (Ong) 311
7. Tribute from England (Porritt) 312
8. Tribute from Poland (Rudowski) 313
Walter C. MacKenzie (MN) (Dumphy) 308
MacLEAN LD: See MUELLER CB
MCLEDD RS and COHEN Z: Highly selective vagotomy and truncal vagotomy and pyloroplasty for duodenal ulcer: clinical review 113
MCLOURIE GA: See ROWAN ML
MCLOUGHILIN MG: See SULLIVAN LD
MCLOUGHILIN MG: SULLIVAN LD and MESTMORE DD: "cimary malignant tumpurs."

McLOUGHLIN MG, SCLLIVAN LD and MESTMORE DD: orimary malignant tumours associated with renal cell carcinoma 601
McLOUGHLIN MJ: See LANGER B
McPHAIL N: See SCOBIE K

MacPHERSON BR and KILAM SK: Effect on cimetidine on chronic gastric

MACHIERSON BR AND KILAM SK! ETFECT ON CIMETIAIN
ulcers produced experimentally in rats 385
MACHIN GA: See van ZUIDEN LJ
MADARNAS P: See DETRY R
MAGDER SA: See CHESNIE BM
MAHAN DE: See BRUCE AW
MAKOWKA L: See HARVEY KC

MALCOLM BW, AMELI FM and SIMMONS EH: Pneumothorax complicating fracture of clavicle 84 MANGAN MA: See RUSSELL NA

MANKTELOW RT and McKEE NH: Digital replantation: functional assessment

MANUEL MA, KURTZ I, SAIPHOO CS and NEDZELSKI JM: Nephrotoxicity and

PANULL PM, KUKIZ 1, SAIPHOU CS and NEUZELSKI OH: NEPHYDOCOXICITY and ototoxicity following irrigation of wounds with neomycin 274 MARIEAU D: See HUET P-M MARTIN JR: Relationship of Royal Coilege to Journal (QS) 5 MASS SCREENING: Hemoccult test as a routine screening prodecure for colorectal disease in private clinic setting (Stewart and Wiens)

MASSE SR: See RIOUX A
MASTECTOMY: Postmastectomy lymphangiosarcoma: experience with three
patients and electron microscopic observations in one (Unruh,

Robertson and Karasewich) 586 MAUDSLEY RF and QUIZILBASH AH: Thermal injury of bowel as complication

of laparoscopic sterilization 232
MEAKINS JL: Occult signs of sepsis (QS) 505
Prognostication or biology: acquired abnormalities of host defence mechanism in surgical patients (QS) 403; Comment on: See McCREDIE JA See CHRISTOU NV

MEDIASTINITIS: Anaerobic mediastinitis and septic shock secondary to

MEDIASTINITIS: Anaerobic mediastinitis and septic shock secondary to esophageal perforation (Turcot and others) 382
MEDICAL NOTES: Walter C. MacKenzie (Dumphy) 308
MEETINGS AND COURSES: Association des chirurgiens de la province de Quebec, Montreal, Dec 8, 1979; papers 529
Canadian Association of General Surgeons, 1st annual meeting, Vancouver, Jan 25, 1979; papers 339
Canadian Association of General Surgeons, Jan 25-28, 1978; papers 20-37

Canadian Association of General Surgeons, 2nd annual meeting,

Canadian Association of General Surgeons, 2nd annual meeting, Montreal, Feb 7, 1979; papers 435-450
Canadian Cardiovascular Society, 31st annual meeting, Vancouver, Oct 18-21, 1978; papers 121-148
International Symposium on Atherosclerosis, 5th, Houston, Texas, Nov 6-9, 1979; papers 408
Refresher course for general surgeons, University of Toronto, Toronto, Toronto Vestern Hospital, Feb 4-6, 1980 600
Royal College of Physicians and Surgeons of Canada, 47th annual meeting, Vancouver, Jan 25-28, 1978; papers 19-28
Royal College of Physicians and Surgeons of Canada, 48th annual meeting, Montreal, Feb 9, 1979; papers 317; 334; 545
Stowe Hand Symposium, 2nd annual meeting, American Association for Hand Surgery, Stowe, Vermont, Jan 27-30, 1980 600
Symposium on Vascular Surgery, San Francisco, Feb 7-9, 1980 408
MELENDEZ LJ, DRIEDGER AA, SALCEDO JR, JONES DT and MacDONALD AC:
Exercise electrocardiography and myocardial perfusion imaging in diagnosis of coronary artery disease; preliminary report 334
MENON GT: See KASSUM DA

MENON GT: See KASSUM DA MERCER S: Agenesis or atrophy of testis and vas deferens 245 MERCIER C: See VERDANT A

MESENTERIC ARTERIES: Selective superior mesenteric embolization for small intestinal hemorrhage (Todd and others) 283 METACARPUS: Injuries to fifth carpometacarpal region (Dommisse and

Lloyd) 240 METCALFE JO: See WILKIN P

METHYLMETHACRYLATE: Methymethacrylate as adjunct in internal fixation of pathologic fractures (Schatzker and Ha'Eri) 179 METRIC SYSTEM: SI "inches" forward.

1. Base units and some derived units (QS) (Mueller) 109
2. More derived units (QS) (Mueller) 202
3. Moles, osmoles and medications (QS) (Mueller) 298

MIREHOUSE 0J: Medical responsibility? (05) 112
MITCHELL RI: Multiple primary cancers involving lung 54
MIYAGISHIMA RT: See JAMIESON WRE
MOFFITT EA: See DAJEE H

MOORE FD: Scientific salients in surgery 339

MOREHOUSE DD: See ROOK A

MORTON BC, BEANLANDS DS, CHAMBERS RJ, BEDARD P and KEON WJ:

Fate of graft and native vessel following endarterectomy of left anterior descending coronary artery 142
MUELLER CB: SI "inches" forward.

1. Base units and some derived units (QS) 109

More derived units (QS) 202
 Moles, osmoles and medications (QS) 298

See RICHARDSON H

MUELLER CB and MacLEAN LD: Alex Andison, associate editor of the Journal (1972-74, 1977-78) (QS) 204

Canadian Association of Emergency Physicians (QS) 6; Comment on: See HILLMAN ES

MORTON KS: See INGLIS AM MULDER DS: See SALERNO TA MURPHY DA: See DAJEE H See LANDYMORE RW

MYDLAND ME: See van ZUIDEN LJ
MYDLAND ME: See van ZUIDEN LJ
MYOCARDIAL PERRUSION IMAGING: Exercise electrocardiography and
myocardial perfusion imaging in diagnosis of coronary artery disease:
preliminary report (Melendez and others) 334
MYOCARDIAL REVASCULARIZATION: Aortocoronary bypass surgery in women
(Jamieson and Miyagishima) 132

MYOCARDIUM: Intraoperative transmural myocardial biopsy: simple technique (Salerno and others) 487

NAKAYASU A, DOWELL AJ, REYNOLDS C, STORDY SN and CLEATOR IGM: Zollinger-Ellison syndrome associated with parathyroid adenomas and ectopic gastric tissue in the lower esophageal mucosa 71 NASON HO and GILLIS DA: Transpleural end-to-end repair of esophageal

atresia and tracheoesophageal fistula 168 NEDZELSKI JM: See MANUEL MA NEOMYCIN: Nephrotoxicity and ototoxicity following irrigation of

wounds with neomycin (Manuel and others) 274
Topical neomycin (OS) (Richardson and Mueller) 199
NEOPLASM METASTASIS: Abdominal crisis due to metastasizing lung
carcinoma to small bowel (Ejeckam and others) 351
NEOPLASMS: Carotid body tumour (Chung) 319

Colorectal neoplasm: rare complication of ureterosigmoidostomy (Dube and others) 483 Diarrhea and medullary carcinoma of thyroid (Guy, Jenkins and

Barrowman) 387 Gangliocytic paraganglioma of duodenum (Konok and Sanchez-Cassis)

Hemoccult test as a routine screening procedure for colorectal disease in private clinic setting (Stewart and Wiens) 572 Indications de rectotomie posterieure pour tumeurs villeuses

(Bernard) 278 Management of disseminated testicular cancer (Ramsey, Bowman and Weinerman) 418

Management of primary bladder cancer by multidisciplinary team (Collins and others) 431 Primary malignant retroperitoneal tumours: analysis of 30 cases (Bose) 215

Primary malignant tumours associated with renal cell carcinoma

(McLoughlin, Sullivan and Westmore) 601; Pure squamous cell carcinoma of stomach (Rioux and Masse) 238 Radiation therapy for adenocarcinoma of prostate (Bruce, Mahan

and Lott) 424 Recurrent gastrointestinal bleeding due to smooth muscle tumours of small intestine (Christou, Stein and Meakins) 95 Renal cell carcinoma in children (Herschorn, Hardy and Churchill)

Results of radical nephrectomy in 178 cases of renal cell adenocarcinoma (Oliver and others) 409 Squamous cell carcinoma arising in chronic osteomyelitis (Inglis,

Morton and Lehmann) 271

Surgical management of renal cell carcinoma at Vancouver General Hospital: 20-year review (Sullivan, Westmore and McLoughlin) 427 Surgical treatment of carcinoma of prostate (Robson) 421

NEOPLASMS, MULTIPLE PRIMARY: Multiple primary cancers involving lung (Mitchell) 54 NEPHRECTOMY: Results of radical nephrectomy in 178 cases of renal cell

adenocarcinoma (Oliver and others) 409 Surgical management of renal cell carcinoma at Vancouver General Hospital: 20-year review (Sullivan, Westmore and McLoughlin) 427 NITROGLYCERIN: See GLYCERYL TRINITRATE

See TURCOT R NOSE NEOPLASMS: Anterior intranasal carcinoma (Shiffman) 159 NUTTING S, CARR I, COLE FM and BLACK LL: Solitary pulmonary nodules due to sarcoidosis 584

OBESITY: Intussusception after intestinal bypass for morbid obesity: use of ultrasonography in diagnosis (Hansen, Thorlakson and Lyons)

227
BITUARIES: MacKenzie, Walter C. 303-322
OBSTIPATION: See CCMSTIPATION
OLIVER JA, LAPLANTE MP, REID EC and SCHUAL RS: Results of radical nephrectomy in 178 cases of renal cell adenocarcinoma 409
OMENTUM: Torsion of greater omentum or appendices epiploicae (Brady and Kilman) 79
ONG GB: Memorial to Walter C. MacKenzie.
6. Tribute from Hong Kong 311
O'REGAN S: See ACKMAN CFD
ORKOPOULOS DG: See CRASSMELLER PO
ORLOFF MJ: Emergency treatment of variceal homorrhage 550
ORLOFF MJ: CRASSMELLER PO
ORLOFF MJ: CRASS

ORLOFF MJ: Emergency treatment of variceal nomorrhage 550
OROVAN ML and McLORIE GA: Testicular scanning: its efficacy in diagnosing intrascrotal lesions 477
ORTHOPEDICS: Infected joints in children (QS) (Shugar) 299
Orthopedic surgery today (Cruess) 596
Septic arthritis in childhood (Wiley and others) 326
OSTEOMYELITIS: Squamous cell carcinoma arising in chronic osteomyelitis

(Inglis, Morton and Lehmann) 271 OSTEOSARCOMA: See SARCOMA, OSTEOGENIC

PAGE A: See VERDANT A PANCREAS: Computerized axial tomography and fine-needle biopsy in surgery of pancreas (Bourbeau and others) 29 Recurrent obstipation as complication of partial pancreatectomy for non-beta cell adenoma of pancreas (Fried and others) 354

PANCREATECTOMY: Recurrent obstipation as complication of partial pancreatectomy for non-beta cell adenoma of pancreas (Fried and others) 354

PANCREATIC HORMONES: Effect of cardiopulmonary bypass and PANCREATIC HORMONES: Effect of cardiopulmonary bypass and hypothermia on pancreatic endocrine function and peripheral utilization of glucose (Landymore, Murphy and Longley) 248
PARAGNGLIOMA: Gangliocytic paraganglioma of duodenum (Konok and Sanchez-Cassis) 173
PARATHYROID NEOPLASMS: Zollinger-Ellison syndrome associated with parathyroid adenomas and ectopic gastric tissue in the lower esophageal mucosa (Nakayasu and others) 71
PARENTERAL FEEDING: Polytetrafluoroethylene grafts for vascular access for hyperalimentation (Fry and Allardyce) 154
Randomized sequential trial of parenteral nutrition in healing of colonic anastomoses in man (Preshaw and others) 437

437

PARROTT JA: See DAJEE H
PASSI RB: See WARMINGTON DA
PATEL A: See ROTH D
PAUCHET'S OPERATION: Restoration of gastrointestinal continuity
(Pauchet's Operation) (Johnston) 90
PELLETIER C: See VERDANT A
PELLETIER C, DUFORT G and FORTIER P: Cardiac output measurement
by thermodilution 347
PENICILLIN: SESAP II Question; Item 269-272 211; 273
PEPTIC ULCER: Highly selective vagotomy and truncal vagotomy
and pyloroplasty for duodenal ulcer: clinical review
(McLeod and Cohen) 113
PERITONEOVENOUS SHUNT: Severe coagulopathy following insertion of
LeVeen shunt: potentially fatal complication (Lewis) 361
PERREAULT JP: See DUBE S LeVeen shunt: potentially fatal complication (Lewis) 361 PERREAULT JP: See DUBE S PEUTZ-JEGHERS SYNDROME: Le syndrome de Peutz-Jeghers (Baillot,

PEUTZ-JEGHERS SYNDROME: Le syndrome de Peutz-Jeghers (Baillot, Le Gresley and Girard) 207

PHILLIPS MJ: See LANGER B

PHOSPHATES, INORGANIC: Preinfarction diagnosis of acute mesenteric ischemia by simple measurement of inorganic phosphate in body fluids (Taylor, Jamieson and Durand) 40

PHYSICIANS: Medical responsibility? (QS) (Mirehouse) 112

PNEUMOTHORAX: Pneumothorax complicating fracture of clavicle (Malcolm Amedicand Complicating Comp

PNEUMOTHORAX: Pneumothorax complicating fracture of clavicle
(Malcolm, Ameli and Simmons) 84
SESAP II Question; Item 329 45; 59
POLYETHYLENE TEREPHTHALATE: Knitted dacron ultra-lightweight
grafts - warming (Lynn) 593
POLYMORPHONUCLEAR LEUKOCYTES: Predictive value for survival of
lymphocytes and polymorphonuclear leukocytes in patients with
sepsis (McCredie and others) 447
POLYPOSIS COLI: Involvement of small intestine in familial
polyposis coli (Warmington and Possi) 460
POLYTETRAFLUOROCHTYLENE: Experience with polytetrafluoroethylene
grafts in patients on long-term hemodialysis (Ackman and
others) 152
Polytetrafluoroethylene grafts for vascular access for

Polytetrafluoroethylene grafts for vascular access for hyperalimentation (Fry and Allardyce) 154 PORRITT A: Memorial to Walter C. MacKenzie. 7. Tribute from England 312

PORTACAVAL ANASTOMOSIS: Symposium on portal hypertension and its

PORTALAWAL AWAS LOWDSIS: Symposium on portal hypercension and its complications: current management. Preoperative assessment and predictors of encephalopathy (Huet and others) 545 POSTOPERATIVE COMPLICATIONS: Iatrogenic femoral nerve injuries (Hudson, Hunter and Waddell) 62 Randomized sequential trial of parenteral nutrition in healing of colonic anastomoses in man (Preshaw and others) 437 Surgical management of subphrenic abscess (Fleischer-Djoleto, Hanna and Jirsch) 85
Thermal injury of bowel as complication of laparoscopic sterilization (Maudsley and Qizilbash) 232

POULIN EC: See FORTIN CL PRESHAW RM, ATIISHA RP, HOLLINGSWORTH WJ and TODD JD: Randomized sequential trial of parenteral nutrition in healing of colonic anastomoses in man 437
PRICHARD S: See ROOK A
PROPRANOLOL: Propranolol in thyrotoxicosis:

PROPRANOLOL: Propranolol in thyrotoxicosis:
 II. Serum thyroid hormone concentrations during subtotal thyroidectomy (Tevaarwerk and Boyd) 264
PROSTATIC NEOPLASMS: Radiation therapy for adenocarcinoma of prostate (Bruce, Mahan and Lott) 424
 Surgical treatment of carcinoma of prostate (Robson) 421
PROSTHESIS: Knitted dacron ultra-lightweight grafts - warming (Lynn) 593
 Sensory feedback in myoelectric upper limb prosthesis: preliminary report (Brittain, Sauter and Gibson) 481
PROVAN JL and RUMBLE EJ: Re-evaluation of thrombectomy in management of iliofemoral venous thrombosis 378
PRYSE-PHILIPS W: See RUSSELL NA

management or 1110-remoral venous thromposts 378
PRYSE-PHILLIPS W: See RUSSELL NA
PUBLIC OPINION: Medical responsibility? (QS) (Mirehouse) 112
PULMONARY NODULE, SOLITARY: See COIN LESION, PULMONARY
PYLOROPLASTY: Highly selective vagotomy and truncal vagotomy and pyloroplasty for duodenal ulcer: clinical review (McLeod and Cohen) 113

PYOGENESIS: See SUPPURATION:

Q

QUILL ON SCALPEL: Alex Andison, associate editor of the Journal (1972-74, 1977-78) (Mueller and MacLean) 204 Canadian Association of Emergency Physicians (Mueller and MacLean) 6

Early surgical management of acute cholecystitis (Gagic)

Aub Infected joints in children (Shugar) 299 Medical responsibility? (Mirehouse) 112 Osteosarcoma (Shugar) 505 Prognostication or biology: acquired abnormalities of host defence mechanism in surgical patients (Meakins) 403 Relationship of Royal College to Journal (Martin) 5 Significance of thymus-dependent lymphocytes in biology of human breast cancer (Barr) 503 SI "inches" forward.

SI "inches" forward.

1. Base units and some derived units (Mueller) 109

2. More derived units (Mueller) 212

3. Moles, osmoles and medications (Mueller) 298

Occul t signs of sepsis (Meakins) 505

On understanding coronary bypass surgery (Salerno and Chiu)

To drain or not to drain (Wexler) 297 Urology papers (Awad) 403 QIZILBASH AH: See MAUDSLEY RF

RADIATION THERAPY: See RADIOTHERAPY

RADIATION THERAPY: See RADIOTHERAPY
RADIOISTOPIC SCANNING: See RADIONUCLIDE IMAGING
RADIONUCLIDE IMAGING: Testicular scanning: its efficacy in
diagnosing intrascrotal lesions (Orovan and McLorie) 477
RADIOTHERAPY: Adenocarcinoma of trachea: palliative response to
Cobalt-60 irradiation (Harvey and others) 268
Radiation therapy for adenocarcinoma of prostate (Bruce,
Mahan and Lott) 424
RAMSEY FUR ROUMAN No. Management of disseminated

MAINTAIN LOCK! YEVE RAMSEY EW, BOWMAN DM and WEINERNAN B: Management of disseminated testicular cancer 418 RAWLING EG: Save a spleen (C) 510 RECTAL FISTULA: Trans-sphincteric approach to rectum (McCullogh)

RECTAL NEOPLASMS: Colorectal neoplasm: rare complication of ureterosigmoidostomy (Dube and others) 483
Hemoccult test as a routine screening procedure for colorectal disease in private clinic setting (Stewart and Wiens) 572

Indications de rectotomie posterieure pour tumeurs villeuses

Indications de rectotomie posterieure pour tumeurs villet (Bernard) 278 RECTUM: Trans-sphincteric approach to rectum (McCullogh) 435 REID EC: See OLLIVER JA REIMPLANTATION: Digital replantation: functional assessment (Manktelow and McKee) 47 RETROPERITONEAL NEOPLASMS: Primary malignant retroperitoneal tumours: analysis of 30 cases (Bose) 215 REYNOLDS C: See NAKAYASU A

RICHARDSON H and MUELLER CB: Topical neomycin (QS) 199 RIGGEMS: Chain-saw factal injuries 149
RIGUX A and MASSE SR: Pure squamous cell carcinoma of stomach 238
ROBERTSON DI: See UNRUH H
ROBERTSON ME: See FRY PD

ROBESON CI: Surgical treatment of carcinoma of prostate 421
ROOK A, PRICHARD S, MOREHOUSE DD, GUTTMANN RD, MEAKINS JL and
HUTCHINSON TA: Results of retransplantation in individuals

HUILHINSUN 1A: Kesults of retransplantation in individuals Mown received two successive cadaver kidneys 519 ROTH D. KOSTUK WJ and PATEL A: Value of nitroglycerin intervention angiography in predicting improvement in left ventricular contraction following aortocoronary bypass surgery 126 ROTSTEIN LE: See LANGER B

ROYAL COLLEGE OF PHYSICIANS AND SURGEONS OF CANADA: Relationship of Royal College to Journal (QS) (Martin) 5
Renal trauma in children (Seruca, DeBock and Guttman) 24 Treatment of aortoiliac disease by axillofemoral artery bypass (Sheiner) 19

(Sheiner) 19
RUDOWSKI W: Memorial to Walter C. MacKenzie.
8. Tribute from Poland 313
RUMBLE EJ: See PROVAN JL
RUSSELL NA, MANGAN MA, PRYSE-PHILLIPS W and SHARMA LK: Treatment
of carotid cavernous fistula by intravascular occlusion
using balloon catheter 452

S

SI UNITS: See SYSTEME INTERNATIONAL D'UNITES SAIPHOO CS: See MANUEL MA SALCEDO JR: See MELENDEZ LJ SALERNOTA and CHIU RCJ: On understanding coronary bypass surgery (NS) 203
SALERNOTA, LINCE DP, WASAN SM and CHARRETTE EJP: Intraoperative transmural myocardial biopsy: simple technique 487
SALERNOTA, LYNN RB, WHITE DN and CHARRETTE EJP: Cerebral surveyillance during cardiac surgery 325
SALERNO TA, MULDER DS and CHIU RCJ: Intraoperative blood-flow

responses in coronary artery bypass grafts 260
SANCHEZ-CASSIS G: See KONOK GP
SARCOIDOSIS: Solitary pulmonary nodules due to sarcoidosis

(Nutting and others) 584

SARCOMA: Postmastectomy lymphangiosarcoma: experience with three patients and electron microscopic observations in one (Unruh, Robertson and Karesewich) 586 Primary malignant retroperitoneal tumours: analysis of 30 cases (Bose) 215

SARCOMA, OSTEOGENIC: Osteosarcoma (QS) (Shugar) 505 Osteosarcoma in Manitoba: review of 95 patients 564

SAUTER WF: See BRITTAIN RH See CICATRIX

SCARS: See CICATRIX
SCHATZKER J and HA'ERI GB: Methymethacrylate as adjunct in internal fixation of pathologic fractures 179
SCHUAL RS: See OLIVER JA
SCIENCE: Scientific salients in surgery (Moore) 339
SCOBIE K, McPHAIL N, BARBER G and ELDER R: Bacteriologic monitoring in abdominal aortic surgery 368
SCOTT AA: See ARMSTRONG P
SCROTUM: SESAP II Question; Item 606 434; 486
Testicular scanning: its efficacy in diagnosing intrascrotal lesions (Orovan and McLorie) 477
SEPSIS: See INFECTION
SERUCA H. DeBOCK J and GUITMAN FM: Renal trauma in children 24

SEPSIS: See INFECTION
SERUCAH, DeBOCK J and GUTTMAN FM: Renal trauma in children 24
SESAP II: SESAP II Question; Item 269-272 211; 273
Item 329 45; 59
Item 416 129; 151
Item 439 316; 330
Item 606 434; 486
Item 606 434; 486
Item 608 434; 886
Item 643-644 548; 561
SHADMAILY: See DISSELI NA

Items 643-644 548; 561 SHARMA LK: See RUSSELL NA SHEINER NM: Treatment of aortoiliac disease by axillofemoral artery bypass 19

artery bypass 19
SHEINER NN, ASHBY D and ZELTZER J: Treatment of unilateral iliac artery disease by femorefemoral bypass grafting 474
SHIFFMAN NJ: Anterior intranasal carcinoma 159
SHOCK, SEPTIC: Anaerobic mediastinitis and septic shock secondary to esophageal perforation (Turcot and others) 382
SHUGAR JL: Infected joints in children (QS) 299
Osteosarcoma (QS) 505
SHUNT, PERITONEOVENOUS: Current status of peritoneovenous shunt for management of intractable ascites (Fry, Hallgren and Robertson) 557
SHUNT, ENTRICULORIEM Peritaneous transfemoral retrieval of

SHUNT, VENTRICULOATRIAL: Percutaneous transfemoral retrieval of "runaway" ventriculoatrial shunt (Ekong, Gabriel and Lopez)

SIBBALD WJ: See McCREDIE JA
SIMON JB: See TODD TRJ
SIMONS FH: See MALCOLM BW
SIMPSON WM: See STOLLER JL
SIMPSON WT: Adrenal hemorrhage during treatment of ulcerative
colitis with adrenocorticotropic hormone 82

SKIING: Ski fractures above or below boot top (Dubravcik and Burke) 343

SOCIETIES, MEDICAL: See CANADIAN ASSOCIATION OF EMERGENCY **PHYSICIANS**

See CAMADIAN CARDIOVASCULAR SOCIETY
See CAMADIAN ORTHOPAEDIC ASSOCIATION
SPINAL CORD INJURIES: Acute spinal cord injury: analysis of
of epidemiologic factors (Tator and Edmonds) 575
SPINAL DISEASES: Pyogenic infections of adult spine (Gutmanis and
Rorabeck) 162
SPLEEN: Save a spleen (C) (Rawling) 510

Rorabeck) 162
SPLEEN: Save a spleen (C) (Rawling) 510
SPORT MEDICINE: Ski fractures above or below boot top (Dubravcik and Burke) 343
STEIN LA: See CHRISTOU NV
STERILIZATION, SEXUAL: Thermal injury of bowel as complication of laparoscopic Setrilization (Maudsley and Qizilbash) 232
STEWART HL and NIENS E: Hemoccult test as a routine screening procedure for colorectal disease in private clinic setting

STEMART MB: Early medicine and surgiry in New Brunswick 183
STOLLER JL, COOPERBERG PL and SIMPSON MM: Diagnostic
ultrasonography in acute cholecystitis 374
STOMACH NEOPLASMS: Pure squamous cell carcinoma of stomach (Rioux

STOMACH NEOPLASMS: Pure squamous cell carcinoma of stomach (Rioux and Masse) 238
STORDY SN: See NAKAYASU A
SUBPHRENIC ABSCESS: Surgical management of subphrenic abscess
(Fleischer-Djoleto, Hanna and Jirsch) 85
SULLIVAN LD: See McLOUGHLIN MG
SULLIVAN LD, MESTMORE DD and McLOUGHLIN MG: Surgical management of

renal cell carcinoma at Vancouver General Hospital: 20-year Preview 427
SUPPURATION: Pyogenic infections of adult spine (Gutmanis and Rorabeck) 162
SURGERY: Abdominal surgeon and ureter (Beland) 540

Bacteriologic monitoring in abdominal aortic surgery (Scoble and others) 368 Cholecystectomy with and without drainage (Kassum, Gagic and Menon) 358

Menon) 308
Hypospadias: review (Wilkin, Metcalfe and Lakey) 532
Scientific salients in surgery (Moore) 339
Surgical management of subphrenic abscess (Fleischer-Djoleto, Hanna and Jirsch) 85
To drain or not to drain (QS) (Wexler) 297

History: Early medicine and surgery in New Brunswick (Stewart)

Orthopedic surgery today (Cruess) 596 SURGICAL STAPLERS: Evaluation de l'utilisation des appareils d'autosuture en chirurgie digestive (Fortin, Poulin and

Leclerc) 580
SUTURE TECHNICS: Evaluation de l'utilisation des appareils d'autosuture en chirurgie digestive (Fortin, Poulin and Leclerc) 580 SYLVESTRE J: See BOURBEAU D

SYSTEME INTERNATIONAL D'UNITES: SI "inches" forward.

1. Base units and some derived units (QS) (Mueller) 109

2. More derived units (QS) (Mueller) 202

3. Moles, osmoles and medications (QS) (Mueller) 298

TANGUAY S: See HUET P-M
TAO L-C: See LANGER B
TATOR CH and EDMONDS VE: Acute spinal cord injury: analysis of
epidemiologic factors 575
TAYLOR BM, JAMIESON MG and DURAND D: Preinfarction diagnosis of
acute mesenteric ischemia by simple measurement of inorganic

phosphate in body fluids 40 TELFER C, LEES GM, CHAMBERS M and WILLIAMS HTG: Elastin and granulation tissue 440

TENDON INJURIES: Bilateral patellar tendon rupture associated with chronic glomerulonephritis (C) (Hughes and Harder) 389 TESTICULAR NEOPLASMS: Management of disseminated testicular cancer (Ramsey, Bowman and Weinerman) 418 SESAP II Question; Item 606 434; 486

TESTIS: Agenesis or atrophy of testis and vas deferens (Mercer) 245

Testicular scanning: its efficacy in diagnosing intrascrotal lesions (Orovan and McLorie) 477
TEYAARMERK GJM and BOYD D: Propranolol in thyrotoxicosis:
II. Serum thyroid hormone concentrations during subtotal

thyroidectomy 264

thyroidectomy 264
THERMAL INJURY: See BURNS
THERMODILUTION: Cardiac output measurement by thermodilution
(Pelletier, Dufort and Fortier) 347
THOMAS J: See EJECKAM GC
THORLAKSON TK: See HANSEN GO
THORLAKSON TK: See HANSEN GO
THORLOGICTEMY: Re-evaluation of thrombectomy in management of
iliofemoral venous thrombosis (Provan and Rumble) 378
THROMBCEMBOLISM: Aspirin prophylaxis of venous thromboembolic
disease following fracture of upper femur (Channon and
Wiley) 468

Wiley) 468
THROMBOPHLEBITIS: Re-evaluation of thrombectomy in management of iliofemoral venous thrombosis (Provan and Rumble) 378
THROMBOSIS: Thrombosis and free fatty acids in patients subjected to total arthroplasty (Armstrong and others) 366
THROMBOSIS, VENOUS: See THROMBOPHLEBITIS
THYMUS-DEPENDENT LYMPHOCYTES: See T-LYMPHOCYTES
THYROGLOSSAL DUCT: Follicular carcinoma in a thyroglossal duct (van Zuiden, Machin and Mydland) 590

THYROID GLAND: Diarrhea and meduilary carcinoma of thyroid (Guy, Jenkins and Barrowman) 387 Follicular carcinoma in a thyroglossal duct (van Zuiden, Machin and Mydland) 590 THYROID HORMONES: Propranolol in thyrotoxicosis:

IHYROID HORMONES: Propranoiol in thyrotoxicosis:

II. Serum thyroid hormone concentrations during subtotal thyroidectomy (Tevaarwerk and Boyd) 264

THYROIDTOXICOSIS: See HYPERTHYROIDISM TODD JD: See PRESHAW RM TODD TRJ, WEINNAN G, McINTYRE D, SIMON JB, GROLL A, and MEST RO: Selective superior mesenteric embolization for small intestinal hemorrhage 283

TOMOGRAPHY, COMPUTERIZED AXIAL: Computerized axial tomography and fine-needle biopsy in surgery of pancreas (Bourbeau

and others) 29 N: Torsion of greater omentum or appendices epiploicae

TORSION: Torsion of greater omentum or appendices epiploicae (Brady and Kliman) 79
TRACHEAL NEOPLASMS: Adenocarcinoma of trachea: palliative response to Cobalt-60 irradiation (Harvey and others) 268
TRACHECESOPHAGEAL FISTULA: Transpleural end-to-end repair of esophageal atresia and tracheoesophageal fistula (Nason and Gillis) 168
TRANSPLANTATION: Autotransplantation for treating renovascular hypertension (Farrow) 522

Results of retransplantation in individuals who received two successive cadaver kidneys (Rook and others) 519
TRAUMA: See WOUNDS AND INJURIES

TUCOT R. GAGNON RM. JOASSIN AM, NOEL C, DELORME J and LOVELAND M: Anaerobic mediastinitis and septic shock secondary to esophageal perforation 382

H

ULCERS, GASTRIC: Effect of cimetidine on chronic gastric ulcers produced experimentally in rats (MacPherson and Kilam) 385 ULTRASONICS: Intussusception after intestinal bypass for morbid obesity: use of ultrasonography in diagnosis (Hansen, Thorlakson and Lyons) 227 UNRUH H, ROBERTSON DI and KARASEWICH E: Postmastectomy

Postmastectomy UNEUTH, RUBERISON DI AND ARRASEMICH E: POSUMBATECTOMY
Lymphangiosarcoma: experience with three patients and
electron microscopic observations in one 586
URETER: Abdominal surgeon and ureter (Beland) 540
URETEROSIGMOIDOSTOMY: Colorectal neoplasm: rare complication of
ureterosigmoidostomy (Dube and others) 483

URETHRA: Pharmacologic treatment of disorders of bladder and urethra: review (Awad, Downie and Kiruluta) 515
URETHRAL OBSTRUCTION: SESAP II Question; Items 643-644 548; 561

Abdominal surgeon and ureter (Beland) 540

Autotransplantation for treating renovascular hypertension (Farrow) 522 Electrohydraulic cystolitholapaxy (Comisarow and Barkin) 525 Hypospadias: review (Wilkin, Metcalfe and Lakey) 532 Pharmocologic treatment of disorders of bladder and urethra:

review (Awad, Downie and Kiruluta) 515
Results of retransplantation in individuals who received two
successive cadaver kidneys (Rook and others) 519
SESAP II Question; Items 643-644 548; 561
Studies of crystalluria in recurrent calcium lithiasis
(Crassweller and others) 527

Urology papers (QS) (Awad) 403

VAGOTOMY: Highly selective vagotomy and truncal vagotomy and pyloroplasty for duodenal ulcer: clinical review (McLeod and van ZUIDEN LJ, MACHIN GA and MYDLAND WE: Follicular carcinoma in a

thyroglossal duct 590 VASCULAR SURGERY: Knitted dacron ultra-lightweight grafts warning (Lynn) 593

VAS DEFERENS: Agenesis or atrophy of testis and vas deferens (Mercer) 245

VASCULAR BYPASS: Spontaneous aortoduodenal fistula: successful treatment by extra-anatomic vascular bypass (Lewis and Allan)

VASCULAR DISEASES: Treatment of unilateral iliac artery disease by femorefemoral bypass grafting (Sheiner, Ashby and Zeltzer)

VASCULAR SURGERY: Aortocoronary bypass for critical stenosis of left main coronary artery (Dajee and others) 146
Bypass grafting for stenosis of left main coronary artery (Beland and others) 123
Carotid body tumour (Chung) 319
Esta of critical and artifus vessel following and artery costs. Fate of graft and native vessel following endarterectomy of left anterior descending coronary artery (Morton and others)

IS left ventricular decompression necessary during coronary artery surgery? (Charrette and Salerno) 121
Re-evaluation of thrombectomy in management of iliofemoral venous thrombosis (Provan and Rumble) 378
Results of aortocoronary bypass surgery in patients with unstable angina (Chesnie and others) 137

Spontaneous aortoduodenal fistula: successful treatment by Spontaneous aortoduodenal fistula: successful treatment by extra-anatomic vascular bypass (Lewis and Allan) 234
Treatment of carotid cavernous fistula by intravascular occlusion using balloon catheter (Russell and others) 452
Value of nitroglycerin intervention angiography in predicting improvement in left ventricular contraction following aortocoronary bypass surgery (Roth, Kostuk and Patel) 126
VENTRICULOPERITONEAL SHUNTING: Formation of abdominal cyst secondary to ventriculoperitoneal shunting (Ekong and Clein) 250

250

VERDANT A, MERCIER C, COSSETTE R, DONTIGNY L, PAGE A and PELLETIER C: Nouvelle utilisation du "Gott aneurysm shunt" lors de derivation totale de la crosse aortique 88 VIALLET A: See HUET P-M

WADDELL JP: See HUDSON AR
WARMINGTON DA and PASSI RB: Involvement of small intestine in
familial polyposis coli 460
WASAN SM: See SALERNO TA
MEINERMAN B: See RAMSEY EW
WEINMAN G: See TODD TRJ
WEST RO: See TODD TRJ
WEST RO: See TODD TRJ
WESTMORE DD: See MCLOUGHLIN MG
WESTMORE DD: See SALERNO TA
WIENS E: See SEEWART HL
WIENS E: See SALERNO TA
WIENS E: See STEWART HL
WILEY AM: See CHANNON GM
WILEY JJ and FRASER GA: Septic arthritis in childhood 326
WILKIN P, METCALFE JO and LAKEY WH: Hypospadias: review 532 WILEY JJ and FRASER GA: Septic arthritis in childhood 326 WILKIN P, METCALFE JO and LAKEY WH: Hypospadias: review 532 WILLIAMS HTG: See TELFER C היים: See IELTER C : Aortocoronary bypass surgery in women (Jamieson and Miyagishima) 132 WOMEN:

WOUND HEALING: Elastin and granulation tissue (Telfer and others) 440

Randomized sequential trial of parenteral nutrition in healing of colonic anastomoses in man (Preshaw and others)

WOUNDS AND INJURIES: Abdominal surgeon and ureter (Beland) 540
Acute spinal cord injury: analysis of epidemiologic factors
(Tator and Edmonds) 575

Bilateral patellar tendon rupture associated with chronic glomerulonephritis (C) (Hughes and Harder) 389 Chain-saw facial injuries (Rigg) 149

Iatrogenic femoral nerve injuries (Hudson, Hunter and Waddell)

Injuries to fifth carpometacarpal region (Dommisse and Lloyd) " Medical responsibility? (QS) (Mirehouse) 112

Nephrotoxicity and ototoxicity following irrigation of wounds with neomycin (Manuel and others) 274 Nouvelle utilisation du "Gott aneurysm shunt" lors de derivation totale de la crosse aortique (Verdant and others) 88

Renal trauma in children (Seruca, DeBock and Guttman) 24 SESAP II Question; Item 329 45; 59 WRIGHT CJ and JAQUES LB: Heparin via lung 317

ZELTZER J: See SHEINER NM ZOLLINGER-ELLISON SYNDROME: Zollinger-Ellison syndrome associated with parathyroid adenomas and ectopic gastric tissue in the lower esophageal mucosa (Nakayasu and others) 71

Advances in surgery. Vol. 11, 1977. Edited by Charles Rob, James D. Hardy, George L. Jordan, Jr. and others 390 Anatomy. Regional and applied. 6th ed. R.J. Last 602 Annual review of birth defects, 1976. Part A. Numerical taxonomy of birth defects and polygenic disorders. Sponsored by The National Foundation-March of Dimes at the University of British Columbia, Vancouver. Edited by Daniel Bergsma and R. Brian Lowry 28B Annual review of birth defects, 1976. Part B. New syndromes. Sponsored by The National Foundation-March of Dimes at the University of British Columbia. Vancouver. Edited by

Sponsored by The National Foundation-March of Dimes at the University of British Columbia, Vancouver. Edited by Daniel Bergsma and R. Brian Lowry 288

Annual review of birth defects, 1976. Part C. Natural history of specific birth defects. Sponsored by The National Foundation-March of Dimes at the University of British Columbia, Vancouver. Edited by Daniel Bergsma and R. Brian Lowry 288

Annual review of birth defects, 1976. Part D. Embryology and

R. Brian Lowry 288

Annual review of birth defects, 1976. Part D. Embryology and pathogenesis and prenatal diagnosis. Sponsored by The National Foundation-March of Dimes at the University of British Columbia, Vancouver. Edited by Daniel Bergsma and R. Brian Lowry 288

Anterior segment fluorescein angiography. Michael H. Kottow 603 Atlas of radical pelvic surgery. 2nd ed. James H. Nelson, Jr. 160 Bone tumors. General aspects and data on 6,221 cases. 3rd ed. David C. Dahlin 603

The care of congenital hand anomalies. Adrian E. Flatt 288 Cleft craft. The evolution of its surgery.

III. Bilateral and rare deformities. D. Ralph Millard. Jr.

Coronary artery surgery. John L. Ochsner and Noel L. Mills 451 Current techniques in operative neurosurgery. Edited by Henry H. Schmidek and William H. Sweet 605 Color atlas of gynecological surgery. Vol. 2: Abdominal operations for benign conditions. Davis H. Lees and Albert Singer 604

Comprehensive arthroscopic examination of the knee. Lanny L.

Johnson 604

Das typische röntgenbild des skelettes. Standardbefunde und varientäten vom erwachsenen und kind für arzte, studenten und radiologie-assistenten. Rudolf Birkner 390

Die untersuchung der bauchspeicheldruse.

I. Hamberger Medizinisches Symposium 12. and 13. Dezembe 1975. Edited by Heinrich Bartelheimer, Meinhard Classen, Friedrich-Wilhelm Ossenberg 488

Disorders of the patello-femoral joint. R. Paul Ficat and David S. Hungerford 391

Farquharson's textbook of operative surgery. 6th ed. Edited by R.F. Rintoul 289

R.F. Rintoul 289

General surgical operations. Edited by R.M. Kirk 488

Genitourinary problems in women. Jack R. Robertson 488

HLA and disease. Edited by Jean Dausset and Arme Svejgaard 605

The hip. Proceedings of the Fifth Open Scientific Meeting of the
Hip Society, 1977 605

Hospital-acquired infections in surgery. Edited by Hiram C.

Polk, Jr. and H. Harlan Stone 391

Manual of surgical intensive care. The Committee on pre and post operative care. American College of Surgeons. Editorial Subcommittee-John M. Kinney, Henrik H. Bendixen and Samuel R. Powers, Jr. 290

A manual of themsels account American Mineal 400

A manual of thoracic surgery. Arndt von Hippel 489 A manual of thoracic surgery. Arnot von hippel 403
Morphogenesis and malformation of the genital system. The Third
International Conference on Morphogenesis and Malformation.
Held at Lake Wilderness, Washington, July 1976. Edited by
Richard J. Blandau and Daniel Bergsma 166
Nutritional aspects of care in the critically ill. Edited by

J.R. Richards and J.M. Kinney 391
The patient's guide to surgery. How to make the best of your operation. Lawrence Galton 290

Plastic and reconstructive surgery of the face and neck. Proceedings of the Second International Symposium. Vol. 1: Aesthetic surgery. Edited by George A. Sisson and M. Eugene Tardy, Jr. 489
Vol. 2: Rehabilitative surgery. Edited by George A. Sisson and M. Eugene Tardy, Jr. 489
The psychological rehabilitation of the amputee. Lawrence W.

Friedmann 191

Reconstructive microsurgery. Rollin K. Daniel and Julia K. Terzis 395

Recent advances in intensive therapy, Number one. Edited by

I. McA. Ledingham 394
The Second International Symposium on Malignant Hyperthemia.
Proceedings of a Symposium held in Denver, Colorado, April
1-3, 1977. Edited by J. Antonio Aldrete and Beverley A. Britt 492

Shaw's textbook of operative gynecology. 4th ed. Revised by John Hawkins and Christopher N. Hudson 493
Spinal disorders. Diagnosis and treatment. Edited by Daniel Ruge

and Leon L. Wiltse 395
and Leon L. Wiltse 395
Surgery annual. Vol. 9, 1977. Edited by Lloyd M. Nyhus 191
Surgery of the esophagus. R.W. Postlethwait and Will C. Sealy 606
Total hip prosthesis. Edited by N. Gschwend and H.U. Debrunner 192
Trauma of the chest. The Coventry Conference 1977. Edited by
W.G. Williams and R.E. Smith 493

Urinary system malformations in children. Proceedings of the International Pediatric Urological Seminar, Philadelphia, 1976. International Pediatric Urological Seminar, Philadelphia, 1976
The National Foundation-March of Dimes. Birth defects:
original articles series, vol. XIII, number 5, 1977. Edited
by Daniel Bergsma and John M. Duckett 494
Vaginal surgery. David H. Nichols and Clyde L. Randall 395
Venous problems. Edited by John J. Bergan and James S.T. Yao 395
Wound repair. 2nd ed. Erle E. Peacock, Jr. and Walton Van Winkle,
Jr. 192
The year book of orthopedics and traumatic surgery. 1977. Edited
by Mark B. Coventry 494
The year book of urology, 1977. Edited by John T. Grayhack 396